

WHAT IS CLAIMED IS:

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A1 1. An apparatus for controlling a focus position, comprising:
a display unit for displaying an image corresponding to a subject and a mark
representing the focus position;
5 a switch unit for moving said mark on said display unit; and
a focus control unit for controlling to focus on a position of the subject
corresponding to said mark.

10 2. The apparatus of claim 1, wherein said display unit comprises
a display screen that shows said image and said mark, and
wherein said switch unit comprises a touch screen that is used for moving said
mark, positioned upon said display screen.

15 3. The apparatus of claim 1, wherein said switch unit comprises a device
that is used for moving said mark.

20 4. The apparatus of claim 1, wherein said focus control unit further
calculates the focus position by processing image data corresponding to said mark
solv ↗ K2 moved by said switch unit in order to focus the position of subject corresponding to said
mark.

5. A digital still camera, comprising:
a display unit that shows an image corresponding to a subject and a mark
representing the focus position;
a first image storage unit that stores image data corresponding to said image;
5 a switch unit that moves said mark on said display unit; and
a focus control unit that controls the focus on a position of the subject
corresponding to said mark.

10 6. The digital still camera of claim 5, further comprising a release switch
for beginning to taking a photograph, and wherein said focus control unit stores the
image data in said first image storage unit when the state of the release switch is at a
first phase.

15 7. The digital still camera of claim 5, wherein said display unit comprises a
display screen that shows said image and said mark, and
wherein said switch unit comprises a touch screen that is able to move said
mark, positioned upon said display screen.

20 8. The digital still camera of claim 5, wherein said switch unit comprises a
device that is able to move said mark and is established on the camera body.

9. The digital still camera of claim 6, further comprising a second image storage unit for storing compressed data .

10. The digital still camera of claim 9, wherein said focus control unit
5 compresses image data stored in said first image storage unit and restores compressed image data stored in said second image storage unit.

11. The digital still camera of claim 5, wherein said focus control unit further calculates the focus position by processing said image data corresponding to said mark moved by said switch unit in order to focus the position of a photographic subject corresponding to said mark according to the focus position calculation.

12. The digital still camera of claim 11, wherein said focus position is calculated by processing image data stored in said first image storage unit
15 corresponding to said mark.

13. The digital still camera of claim 11, further comprising a third image storage unit for storing compressed data.

20 14. The digital still camera of claim 13, wherein said focus control means compresses image data stored in said first image storage unit and restores compressed

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image data stored in said third image storage unit.

15. A method for a digital still camera operator to control a focus position of

the camera, comprising the steps of:

- (a) displaying a focus position;
- (b) determining whether the operator relocates the focus position;
- (c) displaying a new focus position when the operator relocates the focus position; and
- (d) focusing the lens corresponding to said relocated focus position.

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16. The method of claim 15, further comprising the step of:

storing image data corresponding to a photographic subject, prior to determining whether the operator relocates the focus position.

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17. The method of claim 15, wherein said focusing step (d) further

comprises the sub-step of:

calculating said focus position by processing image data corresponding to said relocated focus position.

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18. The method of claim 17, further comprising the step of :

storing image data corresponding to a photographic subject, prior to

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determining whether the operator relocates the focus position.

19. The method of claim 17, wherein said calculating step further comprises the sub-steps of:

5 generating an address of a memory storing image data corresponding to a coordinates of said relocated focus position;

reading image data stored in said address; and

calculating the focus position by processing said read image data.